CONTINUATION OF DISPATCH



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ATTACHMENT TO BOOK DISPATCH

IMMUNIZATION POLICY AND PROCEDURES

ADULTS

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I.

- KUBARK has reviewed its immunization policies with those of ODEARL and with used by ODACID and non-official cover individuals. All of the usual immunization media have been included, and have arbitrarily been divided into three possible factors for consideration. These are:
 - The basic immunizing series.
 - Booster intervals or the maximum interval which may be permitted to elapse before the basic series must be repeated.
 - 3. Special considerations, such as areas with a high endemic incidence of the disease, or areas with known epidemics, in which even more frequent utilization might be necessary.
- There are only minor and essentially insignificant differences in requirements for completion of the underlying basic series among ODYOKE programs reviewed. Booster intervals are essentially the same. The differences lie in the special column, most notably, and are represented by such differences as the following. ODEARL is using a combined (adult) tetanus-diphtheria toxoid, and so is KUBARK in some instances. There is a slight danger in this, and KUBARK is avoiding its use in those who are past 38 years of age, those who are obese, or those who are known to have sensitivity to diphtheria toxin. The booster interval for betanus toxoid is academically known to be somewhat greater than 10 years, but operating with a margin of safety, ODEARL and insist upon a booster interval of & years.

 KUBARK is accepting one of 10 years, but boosting the individuals who have not had an injection during the past year and who are going PCS overseas or TDY with extensive air travel. On typhoid, typhus, and cholera, KUBARK is insisting on a booster within 2 years of any appropriate overseas travel, and a much smaller interval in particular areas. Thus Headquarters is making most of its deviations from the normal fall upon the side of conservatism, and operating when possible 2 years ahead of acceptable standards.
- C. Some criticism of this approach is the inconvenience of having the appropriate shots performed at the requisite intervals, and occasional morbidity which follows the use of the various media. However, for reasons to be explained below, KUBARK proposes to continue the present policy, which in essence states that all individuals departing Headquarters must be current in all foreseeable immunization needs.
- In attempting to assess the various groups which KUBARK is immunizing, and to see if any changes were advisable, the following were considered:
 - TDY personnel will continue to follow the current immunization policies. These individuals are, on occasion, assigned to PCS status in the field, are obligated to meet world-wide requirements if on standby, and therefore deserve maximum protection.
 - 2. PCS personnel serving overseas in areas where KUBARK does not maintain a medical facility, will be regarded in the same fashion and be made current in immunizations upon each trip through Headquarters, whether it be in preparation for

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an entirely new assignment, or TDY through Headquarters, returning to the same station.

- 3. The third category, personnel stationed at overseas facilities where KUBARK has a medical officer will continue to be handled as at present.
- E. In summary, the field must modify the "special" column as area policies and/or cover requirements dictate, with Headquarters providing suggestions and guidance periodically.

II. PEDIATRICS

- A. Pediatric dosages are presented for typhus, cholera, plague, etc.

 For other media, either adult dosages and schedules are followed, or
 in the case of DPT and typhoid paratyphoid, alternate programs are
 outlined.
- B. It should be noted that there is a slight change from previous policy on typhus, cholera, and plague desages in children.
- C. It should be emphasized that typhoid is given to a total of 1.0 cc. in children less than 1 year, and to 1.5 cc. in all others. Considerable latitude is allowed in size and number of injections, based on the reaction to the last shot, provided the desired total is reached. It is recognized that the dosages of this media as outlined herein differ from the currently advised ODEARI pediatric dosages. KUBARK has been assured that there will be in the near future a change in the ODEARL schedule, and the American Academy of Pediatrics schedule is preferable, immunologically speaking.
- D. The use of salicylates in weight-adjusted dosages for a 24-hour period after all morbidity-producing injections is important in the pediatric group.
- E. Further fractionation of dosages should be done in infants with a history of febrile convulsions. A weight-adjusted dose of phenobarbital may be used prophylactically in such instances.

III. SUMMARY

- A. Immunization needs by area are unchaged from the publication of November 1957, as disseminated to the field. Deviations from this will be at the discretion of the senior area medical representatives.
- B. Generally speaking, aluminum precipitated or absorbed medications should be given intramuscularly; all others may be given subcutaneously.
- C. Avoid fat necrosis along the needle tract by removing antigen from the outside of the needle and by following the injection with 0.1 to 0.2 cc. of air.
- D. Egg yolk base vaccines (typhus, influenza, yellow fever) may induce allergy in susceptible individuals and should be used with caution.
- E. The danger of contact of any recently vaccinated individual with an unvaccinated eczematous child cannot be over emphasized, with the possibility of eczema vaccinatum.
- F. When time permits, immunizations for viral diseases should be at least 2 weeks separated one from another, and also from bacterial immunizations to provide maximum immunologic response. The same consideration is not equally important in bacterial immunizations.

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	G•	No attempt ha overall basic time availabl representativesses.	s been made to s immunization of e, disease incid e, should all be	dvise a chrone children or dence, and judge determining	ological program adults. Specifi gment of the are factors in quest	n in the ic areas, sa medical tionable
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		AUUL	ns .	
	IMMUNIZING AGEYT	BASIC SERIES	MAXIMUM INTERVALS BEFORE BASIC SERIES	SPECIAL CONDITIONS
	DIPHTHERIA	(3) 0.5 cc. injections at 4-6 wk. intervals after Schick and Maloney testing.	4 years Re-Schick before boosting	ONLY if Schick positive
	TETANUS TOXOID OR ADULT TETANUS- DIPPTHERIA TOXIODS	For either medium use (3) 0.5 cc. shots at 4-6 wks intervals OR (2) at same interval and booster 1 year later.	10 years (4 in military)	Boosters are given to most Head- quarter's departees who have not had a shot within the past year. Also used as booster in appropriate injury. Contraindicated for those over 40, obese, or those known to be sensi- tive to Diph. toxoid. Preliminary Schick testing not routinely nec- essary. DO NOT USE PEDIATRIC TYPE FOR THIS USE IN ADULTS.
grante	SMAILPOX	(1) Primary take	Successful vaccination every 3 years	Intervals down to 6 months in special areas.
	YELLOW FEVER	(1) shot of 0.5 cc.	6 years	Four-year intervals in individuals going to appropriate areas.
DISPATCH	TYPHOID PARATYPHOID	(3) 0.5 cc. shots at 1-4 wk. intervals	10 years (4 in military)	Intervals down to annual in appro- priate areas. May use 0.1 cc. intracutaneous as booster
ă	CHOLERA PLAGUE	(2) shots of 0.5 cc. and 1.0 cc. at 7-10 day intervals.	4 years	Twice annually in epidemic areas.

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	OV DISEA	IMMUNIZING AGENT	BASIC SERIES	MAXIMIM INTERVALS BEFORE BASIC SERIES	SPECIAL CONDITIONS	rage no.	
ICH SYMBOL AND NO.	TWO INTERNATION TO BO	POLIO .	Ideally 0-1-7 norths spacing. Restart series if over 1 year elapses between individual shots.	Only one booster currently advised, 1-2 years later.	MANDATORY in all persons over 3 nonths, and advisable to boost mother during last trimester of pregnancy. Very rare penicillin allergy - generally ignored.	X CONTINUED	
	4	INFLUENZA	(1) shot of 1.0 cc.	May be boosted at yearly intervals at discretion of Medical Officer or upon request.	Should contain at least 220 CCA units Asian strain.		
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	CHILDREN		
IMMUNIZING AGENT	BASIC SERIES (BOOSTER PERIODS AS FOR ADULTS)	SPECIAL CONDITIONS	
DPT	Used in pediatric group ideally at 3-4-5-18-36 months of age.	For appropriate wounds boost with adult tetanus toxoid. Should not ideally be used after 5 because of reactions to to pertussis toxoid.	
PEDIATRIC TETANUS DIPHTHERIA TOXOIDS	For use as booster in 5-12 age agroup, at 3-4 year intervals. Adult type may be substitute for use as booster in children.	This medium should never be used in adults without Schick testing.	
SMALLPOX YELLON FEVER POLIO	Usage identical with adults.		
INFLUENZA	Use on weight adjusted basis as in adults		
TYPHUS	Total of (3) shots at 1-3 wk. intervals 6 mos 3 years 0.12 cc. 3 years-6 years 0.25 cc. 6 years-11 years 0.5 cc. 12 years Adult dose	Boost with appropriate dose at interval as used in adults.	
CHOLERA	Total of (3) shots at 7-10 day intervals with first shot 1/2 of following ones in amount. 6 mos 3 yrs. 0.06 0.12 0.12 cc. 3 yrs 6 yrs. 0.12 0.25 0.25 cc. 6 yrs 11 yrs. 0.25 0.5 0.5 cc. Over 12 yrs. Adult dose	Boost with appropriate dose at interval as used in adults.	

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Total dose felt to be significant here rather than an age or veright-adjusted dose. While latitude in first-ticantic of the latitude of

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IMMUNIZATION POLICY

- Local Health Department requirements are not listed. However, the immunizations should cover all countries visited during overseas travel.
- 2. For the sake of brevity, the following system was devised:

REQUIREMENTS

Area 1

Smallpox

Typhoid paratyphoid

Tetanus Polio

Diphtheria (if indicated by Schick:

under 35 years of age)

Area 2

Smallpox

Typhoid paratyphoid

Tetanus Typhus

Polio

Diphtheria (if indicated by Schick:

under 35 years of age)

Area 3

Smallpox

Typhoid paratyphoid

Tetenus Typhus Cholera Polio

Diphtheria (if indicated by Schick:

under 35 years of age)

Area 4-a

Smallpox

Typhoid paratyphoid

Tetanus Typhus Yellow Fever Cholera Polio

Diphtheria (if indicated by Schick:

under 35 years of age)

Area 4

 ${\tt Smallpox}$

Typhoid paratyphoid

Tetanus Typhus Yellow Fever

Diphtheria (if indicated by Schick:

under 35 years of age)

NOTE: Salk Vaccine is now required for all personnel.

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CLASSIFICATION

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CLASSIFICATION CONTINUATION OF ATTACHMENT TO BOOK DISPATCH DISPATCH 25X1A pik i The countries are listed in alphabetical order. The number following the name of the country indicates the area. Afghanistan #3 Dominica #1 Alaska #1 Dominican Republic #1 Albania #2 Algeria #2 Ecuador #4
Egypt #4-a Eire #1 Andorra #2 Anglo-Egyptian Sudan #4 Angola #4 Ellice Islands El Salvador #4 England #1 Arabia, Saudi Argentina #4 Eritrea #4 Aruba #1 Estonia #2 Ascension Island #4 Ethiopia #4 Fiji Islands #2 Australia #1 Austria #2"
Azores #1 Finland #2 Formosa #3 Bahamas #1 Bahrein #2 France #2 French Equatorial Africa #4 Barbardos, B.W.I. #4 French Establishment in India #4 Basutoland #4 French Guinea #4 French Indochina #3
French Somaliland #4 Bechuanaland #4 Belgian Congo #4 Belgium #2 Bermuda #1 French West Africa #4 Ghana #4-a Bhutan #4-a Gemilbe #4 Germany #2 Gibraltar #2 Bolivia #4 Bonaire, N.W.I. #4
Borneo #3
Brazil #4 Gilbert Islands Granada, B.W.I. Greece #2 British Somaliland #4 Bulgaria #2 Greenland #1 Burma #3 Guam #1. Cameroons #4 Cuatemala #4 Canada #1 Guiana, French #4 Canal Zone #4 Guiana, British #4 Ceylon, #4-a Chile #4 China #3 Guiana, Netherlands #4 Haiti #1 Hawaiian Islands #1 Cocos Island #1. Honduras #4 Colombia #4 Hong Kong Hungary #2 Iceland #1 Corsica #2 Costa Rica #4 Cuba #1 #1 India #4-a Curacao #4 Indonesia #3 Iran #3 Iraq #3 Cyprus #3 Czechoslovakia #2 Ireland #1 Israel #3 Dahomey Denmark Italian East Africa #4 CLASSIFICATION USE PREVIOUS EDITION. REPLACES FORMS 51-28, 51-28A AND 51-29 10-57 53a CONTINUED 10.

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CLASSIFICATION

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Italian Somaliland #4 Italy #2
Ivory Coast #4 Iwo Jima #1 Jamaica #1 Japan #3 Johnston Islands #1 Jordan #4-a Kenya #4 Korea #3 Kwajalwein Labrador #1 Latvia #2 Lebanon #4-a Levent States Liberia #4 Libya #4 Liechtenstein #2 Lithuania #2 Luxembourg #2 Macao #4 Madagascar #4 Malaya #4-a Malta #2 Manchuria Marianas #3 Martinique, F.W.I. #4 Mauritius #2 Mexico #2 Monaco #2 Mongolia #3 Morocco #2 Mozambique Nepal #3 Netherlands West Indies #4 Netherlands #2 New Caledonia Newfoundland New Zealand Nicaragua #4 Nigeria #4 Norway #2 Nova Scotia Myasaland #4 Okinawa #3 Pakistan #4-a Panema #4 Paraguay Peru #4 Philippines #4-a Poland #2 Portugal #4

Portugese East Africa #4 Portugese Guinea #3 Puerto Rico #1 Reunion #4 Rhodesian North and South #4 Rio de Oro #2 Rio Muni #4 Romania Russia #2 Ryukyus #3 St. Pierre and Miquelon #1 Saipan #3 Samoa #1 Santa Lucia, B.W.I. #1 Sarawak #3 Sardinia Scotland. Senegal. #4 Seychelles Islands #3 Siam #3 Sierra Leone, Africa #4 Singapore #4-a Southwest Africa #4 Spain #2 Swaziland, Africa #4 Sweden #2 Switzerland #2 Syria #4-a Cahiti #4
Tanganyika #4 Tibet #3 Togoland, British Togoland, French #4 Transjordan #3 Trieste #2 Trinidad, B.W.I. #4 Tripoli Tunisia Turkey #4-a Uganda #4 Union of South Africa #4-a United States of America #1 Uruguay #4 Venezuela #4 Virgin Islands #1 Wales #1 Windward Islands #4 Yemem #4-a Yugoslavia #2 Zanzibar #4-a

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